PyleAudio.com

Model:

PLDNAND692

7" Touchscreen Double DIN
Stereo Receiver Headunit

Note: This unit is based on Anroid 4.4.4 platform. Besides the standard Apps we provided with the unit, you can also download thousands of Apps and install it on our platform. Please kindly note NOT all Apps are compatible with this platform. If you have any compatibility problem with a 3rd party App, please contact your App provider. For the operation instruction of a certain 3rd party App, please also contact your App provider. We are not reponsible for any problem with your 3rd party Apps.

Thank you for choosing Pyle Audio!

To enjoy of the unit's features, along with proper and safe operation, please be sure to read through this manual before use. It is especially important to thoroughly understand and follow all system warnings and precautions. Keep the manual in a safe location for future reference when necessary. Contact your dealer or the nearest authorized repair center for any service, repair or technical support assistance.

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Note: Pyle Audio is constantly aiming to improve the customer experience and your receiver's features and specifications are continually changing for the better, with improvements to the user interface experience, software updates, bug fixes, etc. System descriptions and features reflected as herein stated by this user manual serves to express the Pyle Audio Headunit Receiver features at the current production period. We reserve the right to change terms and conditions of system specifications, features and descriptions at any time, as we continue to improve and provide our customers with upgrades in safety, performance and system operation in general. For questions, comments and concerns, visit PyleAudio.com for more information.

visit *www.PyleAudio.com* for the latest products & up-to-date model specific information

Compatibility

This unit is a standard “Double Din” sized radio. Check to see that your vehicle accepts a double din sized radio. This unit conforms to the standard size and dimensions of a double din radio. Your vehicle may require a vehicle specific or 3rd party double din installation kit.

Precautions & Warnings

Please take a moment to read through this information booklet and heed all precautions to ensure a positive user experience.

For your safety, you must not operate the head unit’s controls while driving. Make sure you have the volume set to a level where external sounds are still audible.

Do not watch the monitor, or attempt to operate any of the multimedia features while driving. If the parking brake is not engaged video playback will be disabled for your safety.

Cleaning
Clean the LCD with a slightly damp cloth. Keep the screen clean and free of any debris.
Do not use solvents such as alcohol, benzene, thinner, commercially available cleaners or antistatic spray. When wiping the screen be sure not to scratch the surface.

Temperature
In cold weather, check for condensation on the disc. If found, wipe the moisture from the disc and do not operate your player for an hour until condensation disappears from the unit’s optical reader.

System Handling
Screen may not be clear if the temperature of the vehicle is too cold or too hot. The picture will return as the car’s temperature returns to normal. Never touch the screen, or operate the touch screen, with anything besides your finger(s). When the display is subject to direct sunlight and glare, the unit may become hot resulting in possible damage to the LCD display. Avoid exposing the display to excessive sunlight as much as possible.

Note:
Driving on rough terrain may cause the disc to skip during playback.

In the event of a malfunction, never open the unit’s casing or lubricate any parts. Contact Sound Around USA for repair information. If liquid or any other foreign substances enter the unit, turn the power off immediately and consult your dealer or the nearest authorized repair center. If you notice smoke, irregular noises or smells coming from the unit, power off immediately and consult your dealer or the nearest authorized repair center. Do not attempt to disassemble or modify the unit as there are sensitive and high voltage electronic components which can cause damage to the unit, or to one's self, if handled improperly. Be sure to consult your dealer or the nearest authorized repair center for any technical assistance.

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC rules and regulations. These limits are designed to provide reasonable protection against any harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, the unit may cause harmful interference to radio communications. If the unit is found to cause harmful interference the user is encouraged to consult an experienced radio technician.

System Installation:

*Before starting: T*o prevent short circuits, be sure to disconnect the battery terminal before starting.

Installation Guide - Double Din Fitting:

Caution:

1) This screen opens up. Install the unit within 30 degrees of the horizontal plane. Check that the screen has enough room to fully open. Restricting screen movement will cause damage to the mechanism.
2) Consult your vehicle dealership before making any modifications to your car's body (ex. Drilling holes)
3) Use included screws in installation. Improper hardware may result in damage.

Do not install unit in any area where:
-It may obstruct the steering wheel and gearshift lever operations
-It may obstruct the operation of safety devices such as air bags
-It may obstruct visibility

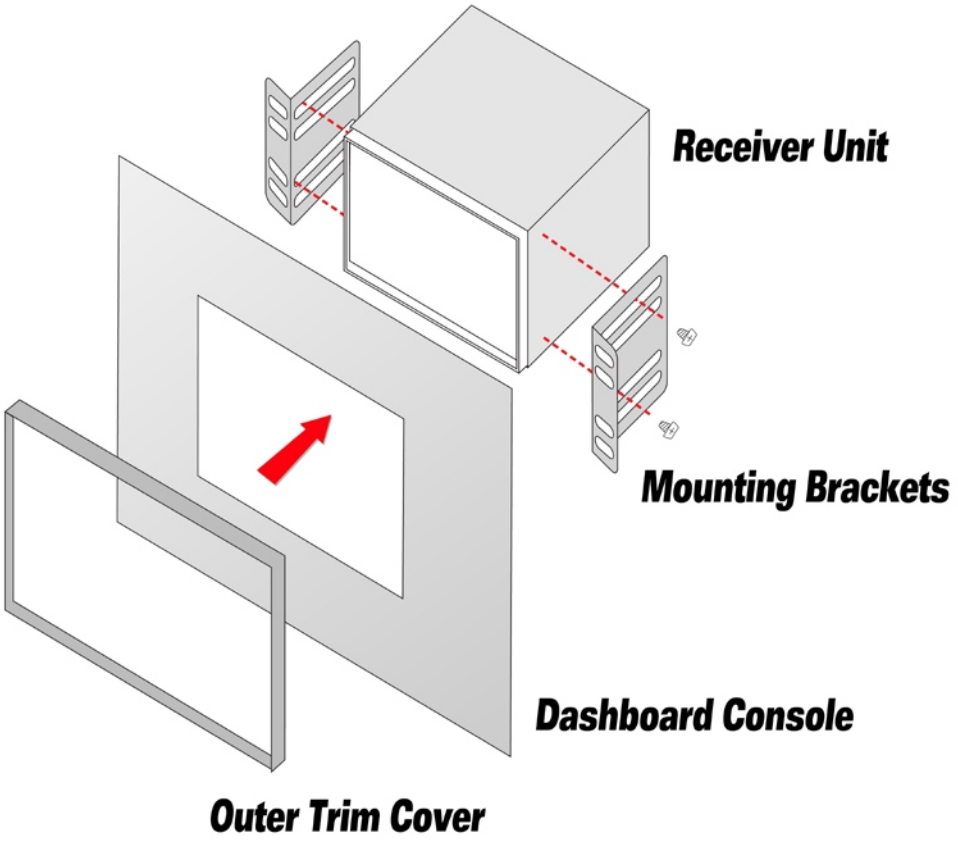
Installation kits:

This unit conforms to the standard size and dimensions of a double din radio.

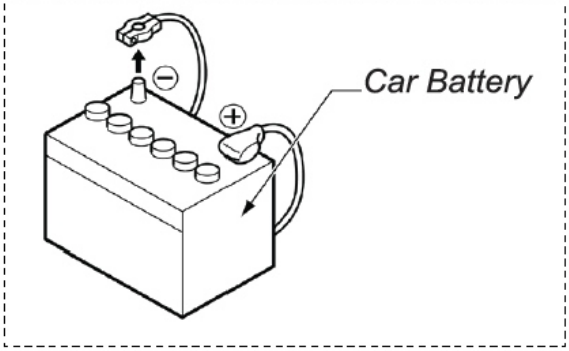
Your vehicle may require a vehicle specific or 3rd party double din installation kit.

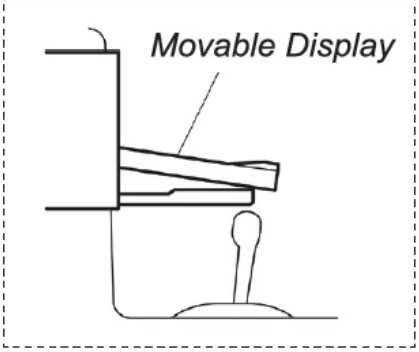
Consult your dealer or the nearest authorized repair center for any technical assistance.

**Mounting Sleeve Bracket not included*



*Ensure that the opening or closing of the in-dash unit, when mounted, so as it will not interfere with any of your vehicle's interior panels, consoles, gear shifts, etc. Ensure not to use elongated screws when installing / securing your unit to the in-dashconsole to avoid damage.





Installing Steering Wheel Control

Note on compatibility: This unit is a dual wire code learning Steering wheel interface, adaptable to any vehicle with existing steering wheel controls. This unit has the ability to wire directly to your vehicle's steering wheel column and does not, but may, require a 3rd party steering wheel control interface. Pyle Audio Technical support can assist you in interfacing into vehicles with existing steering wheel controls. For additional help, contact Pyle Technical Support and be sure to supply Year Make Model and options of vehicle so that proper instructions can be supplied.

Key 1 and Key 2 wires are used for setting up steering wheel controls. The location of the attachment wires in the steering wheel column varies between different vehicle makes and models.

Remote Control

Factory batteries are sometimes depleted from extended storage time. Replace the batteries if the unit does not respond to the remote. Also note that Pyle Receiver Remotes are universal and used between multiple radio models, which may or may not, have some buttons / functions that do not work or provide other functionality with your receiver headunit. If some functions respond your remote is not defective. Contact parts at www.PyleAudio.com. Goto "contact us" - "parts" if you believe your remote is defective.

Button Layout

Power ON/OFF	Select (CD/DVD)
Opens the Motorized Unit /Ejects CD	AMS-Automatic Search (Radio Stations)
Input Source Selection / AUX-in	Left (...to Navigate Selections)
Home Screen / Menu interface	Enter / Confirm (...to Navigate Selections)
Downward / Motorized Screen Tilt Adjustment	Right (...to Navigate Selections)
Next / Hold for Fast Forward (CD/DVD)	End Call / Hang Up (...in Bluetooth Interface)
Upward / Motorized Screen Tilt Adjustment	Down (...to Navigate Selections)
Main Menu (CD/DVD)	Call / Dial Number (...in Bluetooth Interface)
Volume -	File Information (CD/DVD-if compatible)
Play / Pause	Playlist Key List (CD/DVD-if compatible)
Volume +	Options / Settings
Mute	CD/DVD Menu Control
Stop (CD/DVD) / Switches AM/FM	Repeat Modes (CD/DVD-Media Playback)
Previous / Hold for Rewind (CD/DVD)	Left / Right / Stereo Audio Selection
Up (...to Navigate Selections)	CD/DVD Angle Adjustment (if compatible)

Front Panel and Buttons

Button & Feature Layout	
Mic	Microphone port
Power/Mute	Hold to power up / shut down unit. Short press while unit is on to mute the volume output
Home	Switch between apps/radio interface, Press while in GPS interface to return to radio apps
Navi	Press to load GPS software from SD map card
VOL-	Volume down
VOL+	Volume up
^	Position screen tilt upward
ᵛ/Eject	Position screen tilt upward Hold to open screen and eject disk.
RES	Use a pin to insert into reset port to trigger unit reset. (Hold for 20 secs . to reset)
IR	IR remote receiver port

Tips: Navi----You might have several maps in this device, by pressing Navi button, you will enter into the map which you set as default in the Navi path, if you want to change the navi path to another map, please go to setting to change it Setting ⟶ Car setting⟶ Navi setting .

Turning Power On

1) Turn on the engine key to the "ACC" or "ON" position
2) Press and hold the power button for 3 seconds
-When the engine key is turned to the off position the unit is turned off

Status Bar (Along top of radio screen and app screen) you can swipe down for more.

- Home
- Time display
- Screen shot
- Location
- Bluetooth
- DVR
- Wifi signal
- 3G
- Display On/Off
- Function set
- Return

Visit www.PyleAudio.com for additional and detailed model-specific information.

App Screen - Interface Layout

Swipe left/right to access more apps

	Navigation
	Radio
	All Apps list
	BT
	Settings

Navi	Loads Navigation software (if you have several maps in this device, you can set the default map. Setting ⟶Car setting ⟶ Navi setting.)
Radio	AM/FM Tuner
Bluetooth	Bluetooth
AUX	Auxiliary Audio Video Input
DVD	DVD / Multi-media Disc Player
DVR	DVR
Clock	Shortcut to Time Setting
Calculator	Opens Calendar app
Clear cache	Clear Cache
Easy connected	Phone Link

**Please Note*: GPS - Navigation and CD/DVD options and applications may only be found in select headunit receiver stereo systems, which include these, and other, additional/special features -- not all Pyle stereo models come equipped with GPS Navigation and/or CD/DVD players.
Visit www.PyleAudio.com for more detailed information and more product specific information.

Settings

1) Scrolling
Use the red bar to scroll through the list of all available options.
2) Turn on/ off
Many settings can be toggled on or off in this screen
**Note: Factory setup is not adjustable by user. Do not attempt to enter this setup menu.*

Set Time

1) Time Options
You can select using GPS to provide positioning time or using net work-provided time.

Visit www.PyleAudio.com to learn more about model specific information.

2) Date and Time
Use the up and down arrows to set the date and time accordingly.

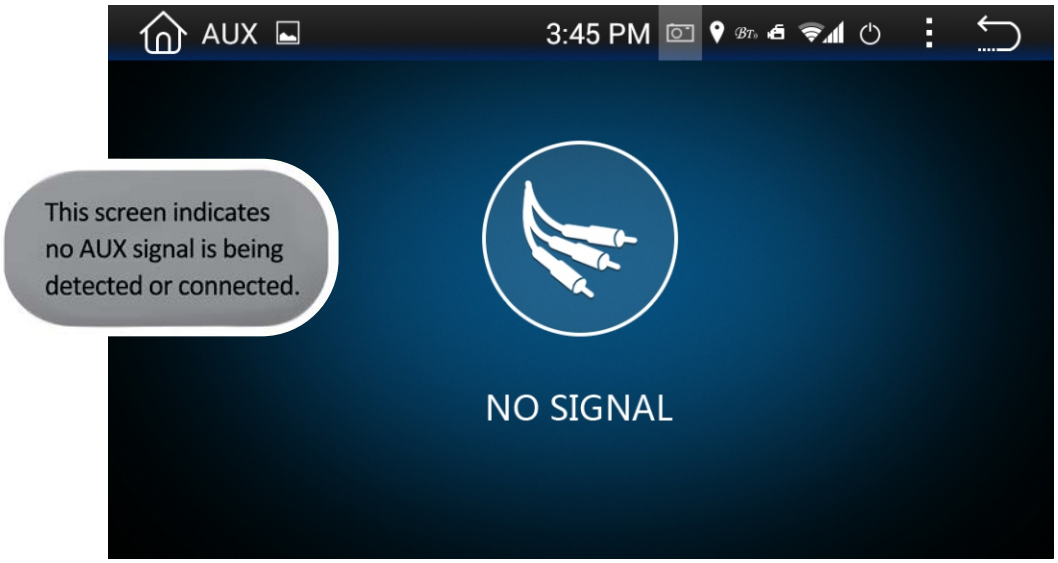
Sound

1) Fade/ Balance
Hold and drag left, right up or down to control the fade and balance of your audio output.

Aux

Auxiliary input (rear RCA jacks) allow audio and video from external devices to be displayed or played through the unit. Auxiliary output (rear RCA jacks) allow audio and video to be sent out to external devices.

1) Customization – Use the settings to adjust and optimize the display quality.
Note: auxiliary app will display "No Signal" if no video signal is connected. Screen controls will not become active until external video signal is detected.



**The Parking brake will need to be wired to a grounding trigger to allow video pass through or a warning message will appear saying warning video disabled while driving.*

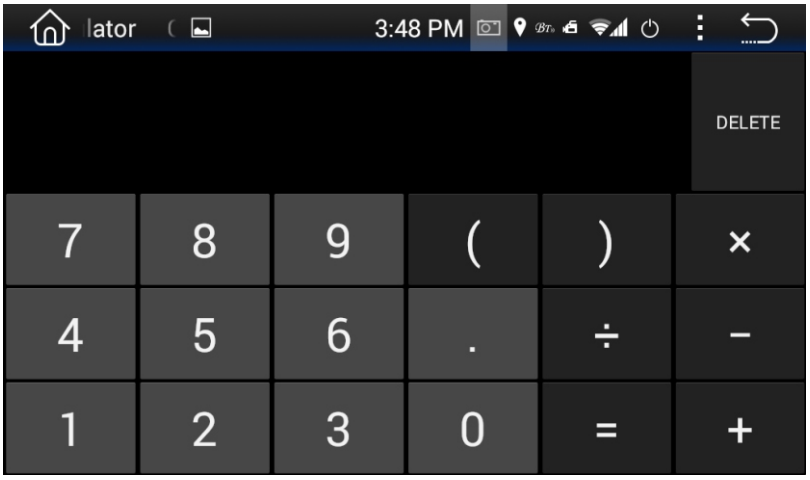
Calendar

Displays the day, month and year.
Use forward and back arrows the view past or future months.
Selected dates are highlighted in blue

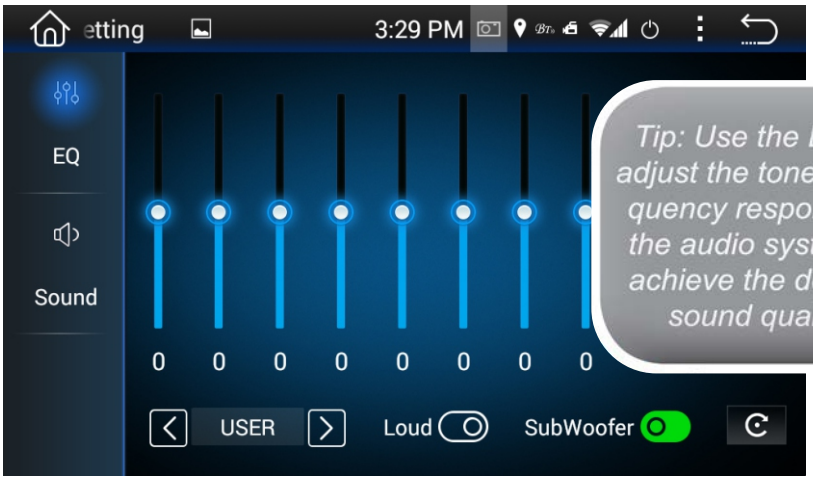
Note: Calendar does not allow entry of appointments. Date must be set within system settings

Calculator

A handy little app for simple calculations



EQ - Equalizer


etting
3:29 PM
EQ
Sound
Tip: Use the EQ to adjust the tone or frequency response of the audio system to achieve the desired sound quality.
0 0 0 0 0 0 0 0
USER
Loud
SubWoofer

Presets
Select one to automatically adjust the equalizer

Adjustments
Hold and drag up or down to manually adjust the EQ by each frequency band

Radio

1) Scanning: Press, hold, and drag the slider to quickly tune the radio.
2) Current Station: The currently selected station will be displayed in the center.
Press the forward and back arrows to change the current station.
3) Favorite Stations: Press and hold one of the six preset slots to set and save a selection for later.

SD - Flash Memory File Browsing

Warning: Do not attempt to browse files while operating the vehicle

1) Browsing Files
File location is displayed.
Use “Back Arrow” to return to the previous folder
2) Selecting Files
The files and folders of your storage media are displayed.
Once the desired folder is located, select it and press “check icon” to open

USB - Flash Memory File Browsing

Plug in flash drives to access music video and photos.

Video

1) Brightness, Contrast, Hue
Press, hold and drag to adjust the brightness, contrast and hue of the display.
2) Presets
Select to automatically adjust the display settings.

Wall Paper

Note: Wallpapers can be imported from a flash drive or SD card. Check format sheet online for specs on formats.
1) Browse - Use left and right arrows to select the desired wallpaper
2) Select - Press OK to select the wallpaper

Wheel

1) Steering Wheel Controls

Select the command in the application, then press the corresponding button on the wheel to teach the unit how to behave when steering wheel controls are used. To enter the steering wheel menu it will prompt you for a 4 digit pass code you will need to enter '*0000*'. Then you can manually program each desired option following the on screen instructions. (*Note: This feature is not compatible with all vehicle types).*

Third Party Apps

For the detailed operation instruction for a certain 3rd party App, such as Google map, Youtube etc., please contact your 3rd party App provider for further service.Thank you.

Trouble Shooting

Q: Unit doesn't power up
A: Use a multi-meter to check for 12v+ to red and yellow wires. Check for proper Ground on the Black wire.

Q: My video does not play
A: Attach "PARK" wire to parking break. When this wire is grounded the video will play (Grounding trigger of the parking brake)

Q: Reverse camera does not come up on the screen
A: Attach "BACK UP CAMERA" wire to reverse tail light 12v+ (Make sure camera is and sending video signal)

Q: Can I set up steering wheel control?
A: Key 1 and Key 2 wires need to be wired to your vehicle's steering wheel column

Q: The time I set is not saved after device reboot
A: Are other setting saved? If not: Check that yellow memory wire is attached to 12v+ constant
A: turn off GPS auto update
-Go to radio settings > Set Time > switch off auto update

Q: My GPS gets no reception.
A: Check antenna is connected properly
A: Mount Antenna directly to your vehicle (GPS antenna is to be magnetically mounted, it will boost GPS reception when attached)
A: Check alternate antenna placement to test for interference

Q: How do I turn up GPS instruction volume (I Can't hear it over music)
A: Change GPS sound settings
Go to Navi > Settings > Sounds > Set GPS voice level to max > Set radio volume to min (Adjust accordingly)
Q: How do I update my map card.
A: The radio will notify you when a map update becomes available. We will need to send out a new map card from our parts department. Log onto www.pyleaudio.com and open a parts ticket under "contact us" requesting the map update.

Q: Where can I download firmware updates?
A: This unit's hardware does not allow it to be updated with new OS or firmware.

Q: How to I set the time?
A: System setting, set time

Trouble Shooting

Q: How do I use / set-up RDS?
A: (*Traffic and weather feature only available in Europe)

Q: My Bluetooth microphone is not working as expected
A: -Check that nothing is covering microphone port.
-Check to see if closer proximity to the mic affects its pickup
-Check that phone connection is good
-Make sure the call recipient has speaker volume set to an appropriate level
-Check that the mic is not picking up too much background noise
Note: The built-in mic cannot be changed, replaced or upgraded.

Q: I am having trouble setting up Bluetooth
A: Check that your device is Bluetooth compatible 4.0+
- Check if you are able to pair with alternate devices via Bluetooth
- Clear out your device history in your Bluetooth setting menu and attempt to pair / connect again

Q: My Map card no longer loads (COCKPIT ERROR DISPLAYED)
A: This is caused by bug in map software. Please contact Tech Support: Pyle, www.pyleaudio.com go to the “contact us” page.
A: You may be able to fix the software on your own
- Insert GPS card into computer
- Open text file under Primo\save\profiles\01\system.ini
- Edit the file to return the cockpit type to “1”
** Deleting the profile folder will default the unit's settings back to cockpit number 1*

Q: How do I play video files? My unit cannot read my digital video files.
A: Make sure SD card is compatible
A: Check file format of your file (You may need to convert your video file to an alternate file format)

Q: My unit shows 5 circles and will not load
A: Your unit requires touchscreen calibration.

You have entered the 'Touch Screen Calibration Menu'. For optimum touchscreen performance, this feature enables you to enjoy the best functionality of your device's touch screen. To complete the touchscreen calibration, an "X" will appear in the circles on the screen in numbered order, continue to press the center of the "X" as it passes through each numbered circle.

(In circle number one, you will see an "X", touch the center of the "X", then the "X" will move to circle number two. Continue to touch the center of the "X" as it will move to the other circles in numbered order. If calibration senses an error, the process may restart; Repeat if necessary.)

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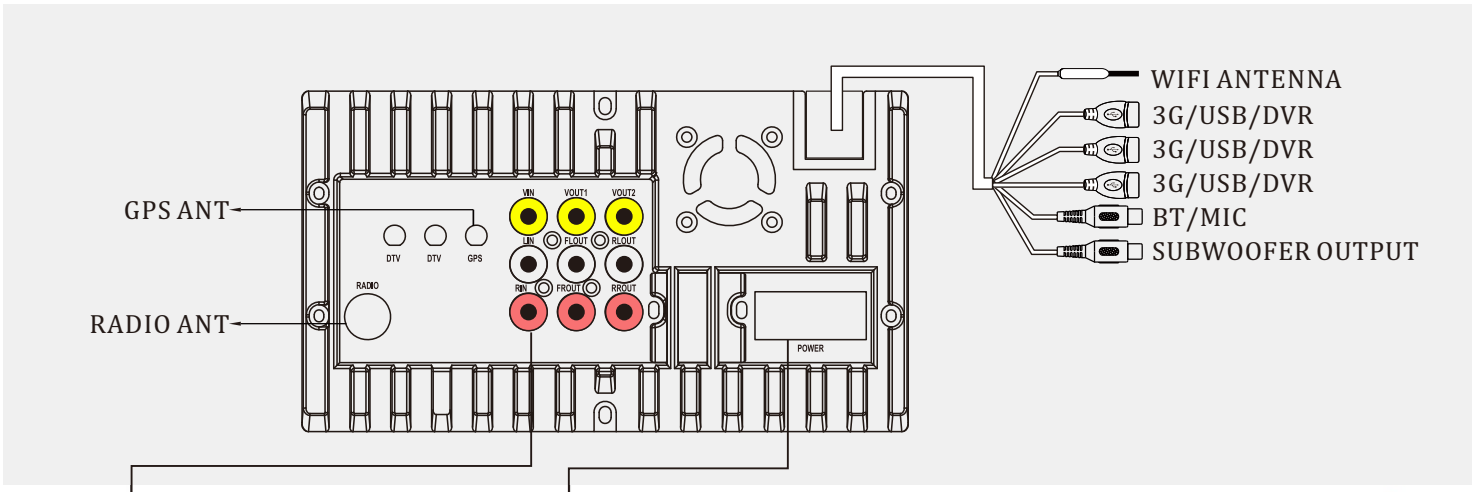
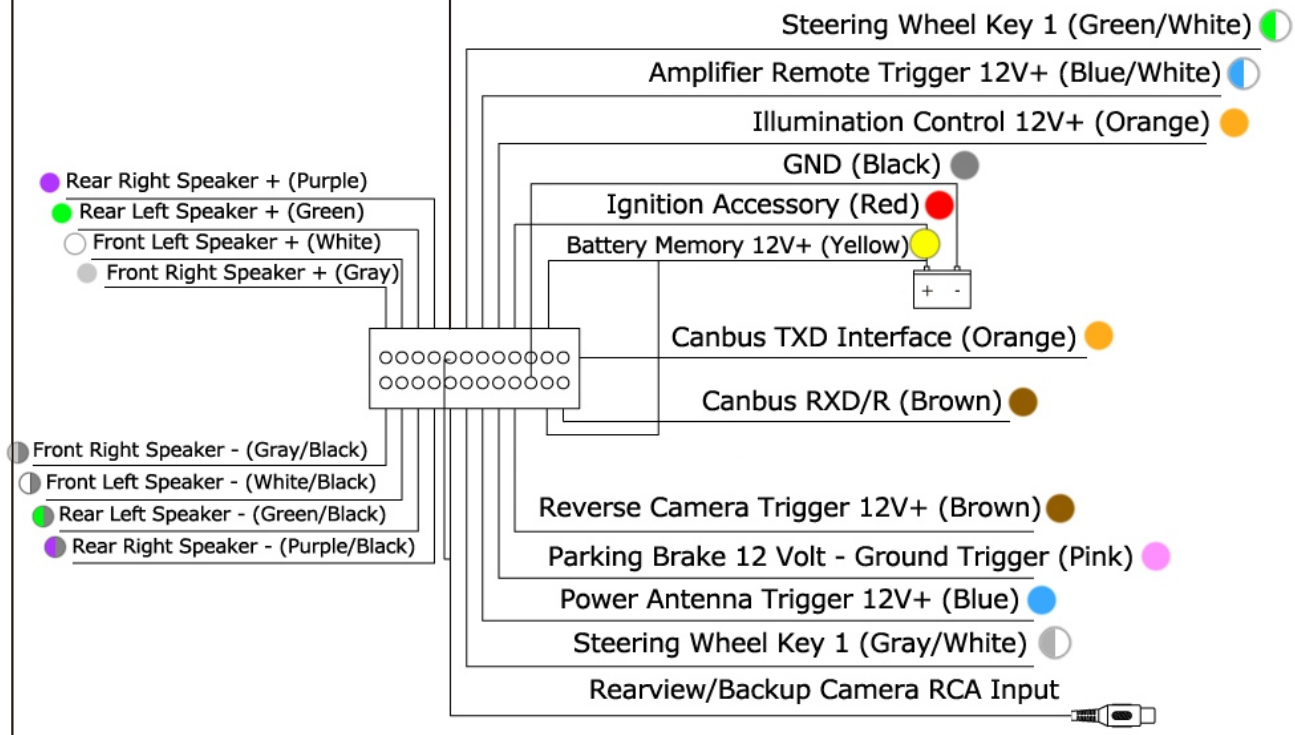
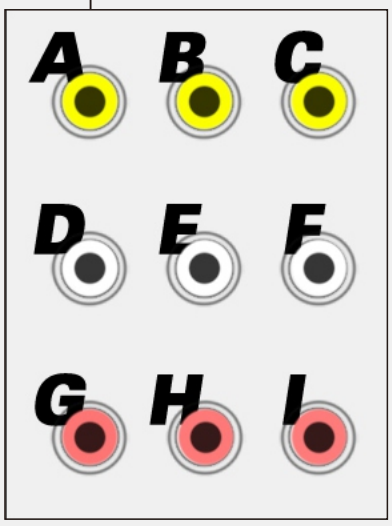
Wiring - Back Panel:




Steering Wheel Key 1 (Green/White)
Amplifier Remote Trigger 12V+ (Blue/White)
Illumination Control 12V+ (Orange)
GND (Black)
Ignition Accessory (Red)
Battery Memory 12V+ (Yellow)
+ -
Rear Right Speaker + (Purple)
Rear Left Speaker + (Green)
Front Left Speaker + (White)
Front Right Speaker + (Gray)
Canbus TXD Interface (Orange)
Canbus RXD/R (Brown)
Front Right Speaker - (Gray/Black)
Front Left Speaker - (White/Black)
Rear Left Speaker - (Green/Black)
Rear Right Speaker - (Purple/Black)
Reverse Camera Trigger 12V+ (Brown)
Parking Brake 12 Volt - Ground Trigger (Pink)
Power Antenna Trigger 12V+ (Blue)
Steering Wheel Key 1 (Gray/White)
Rearview/Backup Camera RCA Input



A. Video Input

B. Video Output 1

C. Video Output 2

D. Left Audio Input

E. Front Left Audio Output

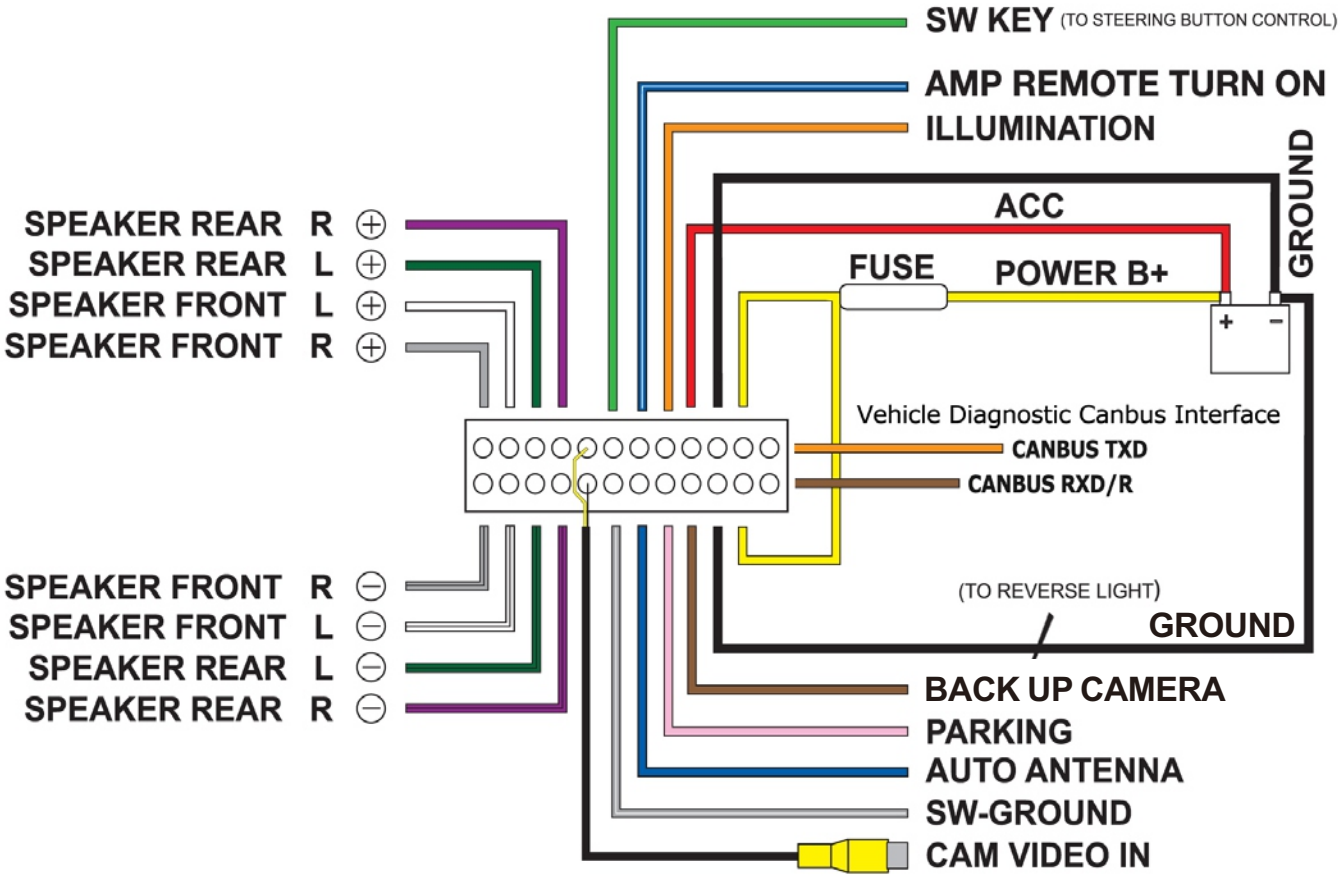
F. Rear Left Audio Output

G. Right Audio Input

H. Front Right Audio Output

I. Rear Right Audio Output

Wiring - Color Wiring:



Wiring				
	Radio Antenna	Radio antenna receptacle		
	Subwoofer Output	Pre amp subwoofer output (5V)		
	Audio / Video Input	Auxiliary input for external hardware		
	Audio / Video Output 1	Connect to headrest display (Optional)		
	Audio / Video Output 2	Connect to headrest display (Optional)		
Green/White	SW KEY	Steering wheel control Key 1 interface wire		
Blue/White	AMP REMOTE TURN ON	DC 12 + Volt Remote turn on trigger for external amplifier		
Orange	ILLUMINATION	12 volt + trigger dash board illumination		
Brown	BACK UP CAMERA	12 volt + trigger from reverse lights		
Pink	PARKING	Connect to parking brake ground. Disables video play unless grounded		
Blue	AUTO ANTENNA	12 volt + trigger output		
Gray/White	SW-GROUND	Steering wheel control Key 2 interface wire		
Black (RCA)	CAM VIDEO IN	Camera RCA video input for use with rearview camera		
Red	ACC	Ignition Accessory 12V+		
Yellow	FUSE/ POWER B+	Connect to (+) side of car battery		
Black	GROUND	Connect to (–) side of car battery		
Orange	CANBUS INTERFACE	TXD - Vehicle Diagnostic CANBUS Interface		
Brown	CANBUS INTERFACE	RXD/R - Vehicle Diagnostic CANBUS Interface		
Purple	Speaker Rear R	Rear right speaker	Purple (+)	Purple/Black (-)
Green	Speaker Rear L	Rear left speaker	Green (+)	Green/Black (-)
Gray	Speaker Front R	Front right speaker	Gray (+)	Gray/Black (-)
White	Speaker Front L	Front left speaker	White (+)	White/Black (-)

**Brown wire tells the monitor when to activate and display rearview camera on the display (optional)*

DVD

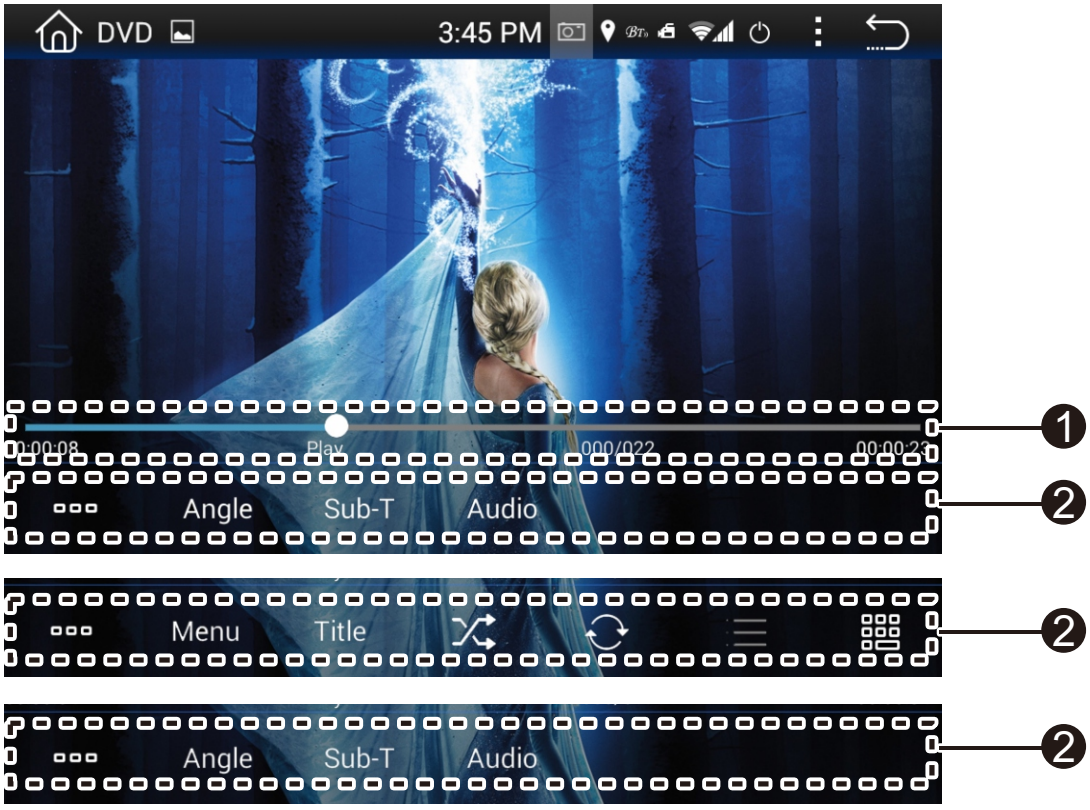
DVD app will only open if a compatible DVD disc is detected.

1) Scrubbing

Press and drag along the time line to quickly skip through DVD times line.
(Note: DVD formatting does not allow scrubbing through previews and warnings)

2) Menu options & controls:

	Subtitle switch	Title	Root menu
	Fast Backward		Random Play
	Play previous channel		Repeat all
	Play / Pause		Play list
	Stop the DVD		Number
	Play next channel	Angle	Angle
	Fast Forward	Sub-T	Turn subtitles on/off
Menu	Submenu	Audio	Audio



Bluetooth

Bluetooth app allows Bluetooth pairing with compatible devices for making calls and music playback. *To pair your phone*, ensure Bluetooth is enabled in your phone's system settings and that you are disconnected from all other devices.

In the Bluetooth app of your radio, press the "Gear" icon in the left column to access Bluetooth settings. Next, press the "Magnifying glass" icon to set the radio into pair mode. The radio will then display "searching" and show all nearby compatible Bluetooth devices:

- Select your phone from the list, and tap a second time to initiate pairing.
- Your phone should now display a pin pad where you will enter "0000"
- Check that device named "CAR_KITT" shows as connected on your phone.

Note: Once your phone is paired, you can use the other functions within the radio's Bluetooth app.

Left hand column:

- Select the "Keypad" icon to dial out using the radio's number pad

- Select the "address book" icon to display your phone's contact list. You will need to import your contact list using the "download" icon located in the right column of the Bluetooth app.

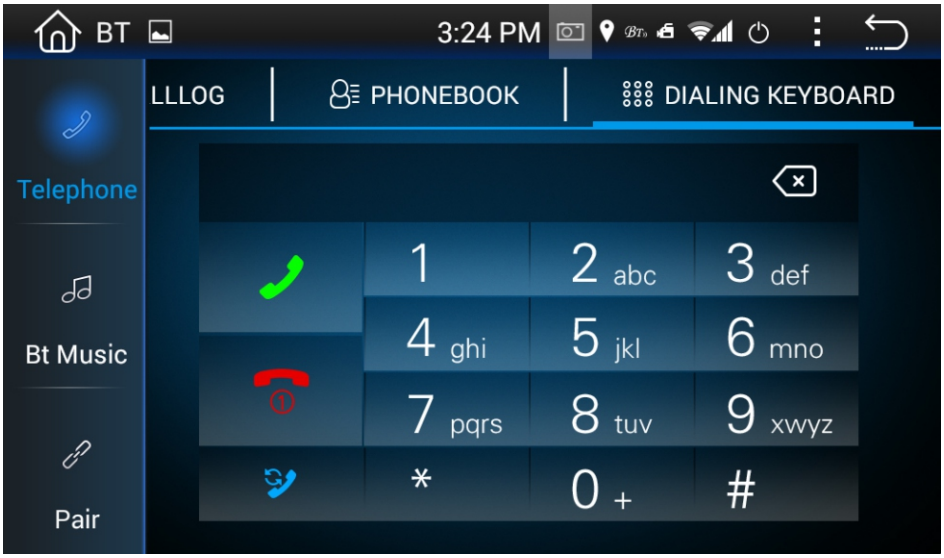
- Select the "phone" icon to see a log of incoming and outgoing calls

- Select the "gear" icon for phone pairing and selection options

- Select the "headphones" icon for music playback controls

Right hand column:

- "Trash" delete currently selected entry
- "Download" Use to download contact data to address book
- "Speaker selection" Switch between car speaker/mic and phone speaker/mic
- "⋮"Press this function icon for search/disconnect/connect/delete



How to access internet

How to access internet?
You can have three ways to access internet.
1. Use a 3G dongle
Insert USB type 3G dongle to one of the rear USB port, wait for few seconds, then 3G signal icon will be shown on status bar, and you can access internet now.

2. Use your smartphone as hotspot
Please turn on your smartphone hotspot, then go to this car Android unit and turn on wifi, find out your smartphone hotspot and connect it, now you can access internet.

3. Use car wifi router or any other portable wifi router
You can also use car wifi router or any other portable wifi router as a hotspot for internet access.

Phone Link Software

User Manual

This phone link software is developed by a 3rd party Apps developer, which we provided to our valued customers free of charge. As mobile phones manufacturers are keeping on upgrading their system, this device may not be compatible with their upgraded operating system, we will not be responsible for these incompatibility. your kind understanding is highly appreciated.

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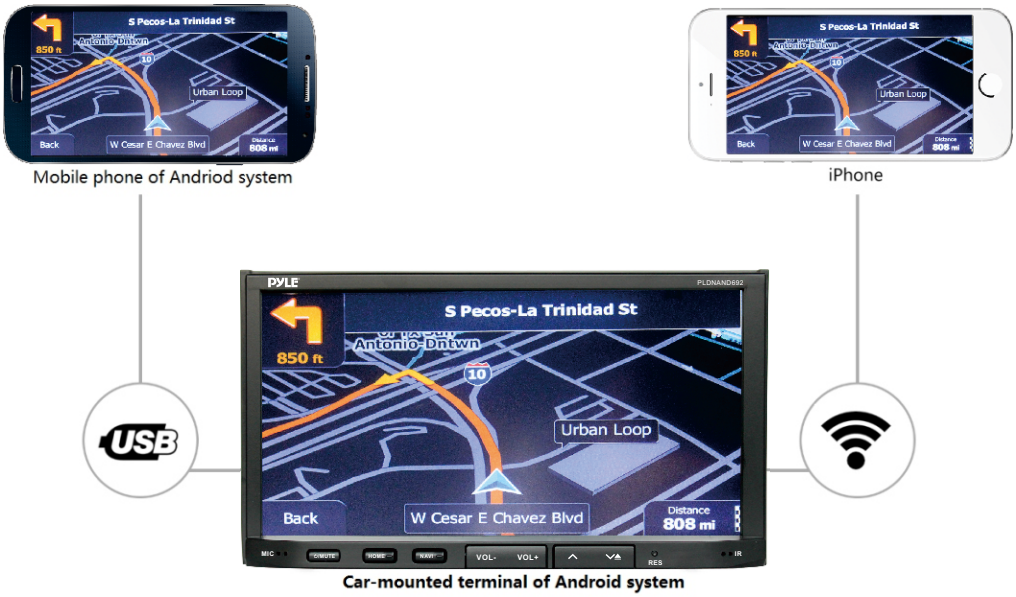
1.About Easy Connected

Welcome to use Easy Connected products. Easy Connected is a software inter-connecting the mobile phone and car-mounted terminal screen, which is developed by third party Apps developer Carbit Information Technology Co., Ltd. (hereinafter referred to as Carbit). This car-mounted terminal supports Android, WinCE and QNX platforms, while the mobile phone terminal supports Android and iOS systems. The double-screen interconnection between the mobile phone and car-mounted terminal can be achieved via standard USB interface or wireless connection, i.e. the mobile phone screen can be projected on the car-mounted terminal and bidirectional operation is available (the mobile phone of iOS system currently only supports screen projection, while bidirectional operation is not available yet).



Connection diagram of Easy Connected

Easy Connected is pre-installed on Android car-mounted terminal, supports the connection between the car-mounted terminal and Android mobile phones & iPhone, where the method of connecting Android mobile phone with the car-mounted terminal is the standard USB interface or wireless hotspot, while the connecting method between iPhone and the car-mounted terminal is only the wireless hotspot.

※ Notes during use of Easy Connected software:

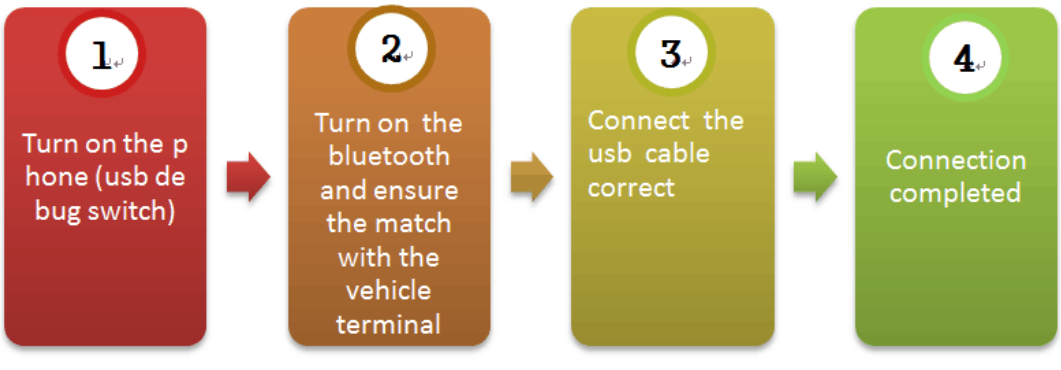
This version applies to the car-mounted terminals of specified OEM brands. Carbit will not bear any responsibility for any problems caused by using this software on the terminals of other systems.

Do not operate this software during driving. This software can only be used when transportation safety is ensured to avoid any dangers. Otherwise, the user shall be responsible for any problems caused by the road accident or other accident due to above reasons, and Carbit will not bear any responsibility.

2.Connection between Car-mounted Terminal and Mobile Phone

2.1.Connect to Android mobile phone via USB

Ensure following operation has been done before connecting to your mobile phone for the first time:


1
Turn on the p hone (usb de bug switch)
2
Turn on the bluetooth and ensure the match with the vehicle terminal
3
Connect the usb cable correct
4
Connection completed

① The [USB debugging switch] on the mobile phone shall be enabled before connection. After finish setting, please unplug the USB connector on mobile phone end and then plug it again. See relevant information in Section 8.1 about how to enable [USB debugging switch] on Android mobile phones.

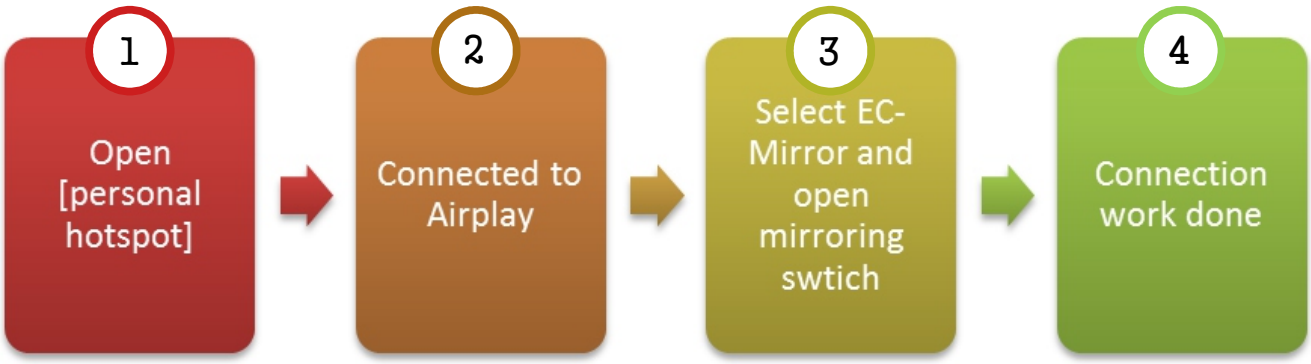
② After establish Bluetooth connection between the mobile phone and the car-mounted terminal, the user will be able to answer and make calls conveniently during using this software. Meanwhile, the user can also transmit the audio on mobile phones to the car-mounted terminal via A2DP protocol, which can be played by the car audio speaker. The Bluetooth connection shall be established between the mobile phone and the car-mounted terminal, and see Instruction Manual of Car-mounted Terminal for detailed steps.

③ Please connect the phone with the USB interface of car-mounted terminal again after finishing above setting.

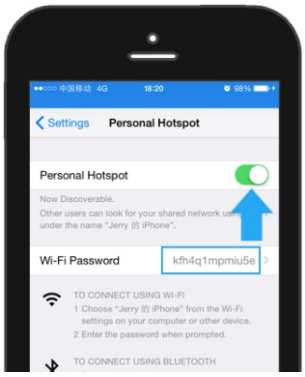
Congratulations! You have finished first time of connection via Easy Connected. You only need to connect the mobile phone with the car-mounted terminal via USB cable every time you driving as long as the setting of mobile phone and car-mounted terminal is not changed.

2. 2.Connect to iPhone

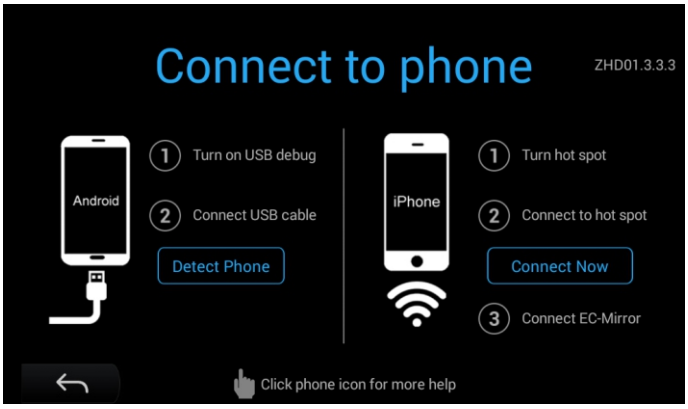
Ensure following operation has been done before connecting to your mobile phone for the first time:



① Open phone Settings > Personal Hotspot to open iPhone hotspot, and record the name and password of the hotspot.



② Click the button [Connect Now] on the car-mounted terminal to connect the mobile phone hotspot:



After connected to the hotspot of mobile phone, open the quick control bar of phone and select Airplay:

③ Select EC-Mirror and open mirroring switch, then the connection is done successfully:

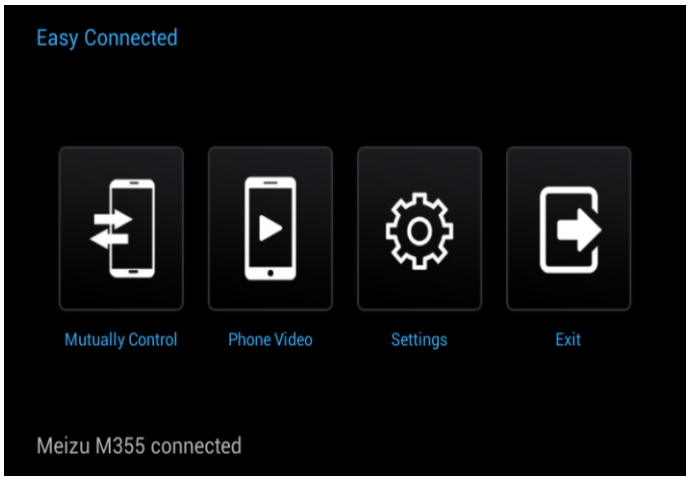
※ **Note:** Support iPhones of iPhone4S & iOS7.0 and above versions;

3.Start to use

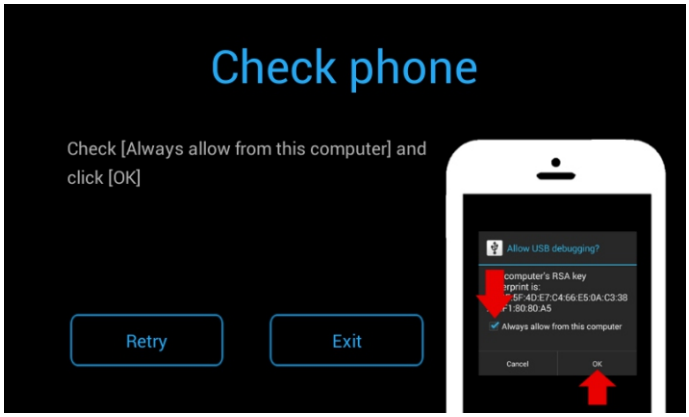
Click the icon on the car-mounted terminal to start this software, and pay attention to that the mobile is not at lock-screen state during connection.

3.1. Use Android phone on car-mounted terminal

After successful connection, following interface will appear on onboard screen, and the model of the phone connected will be displayed at the top of screen, as shown in following figure .

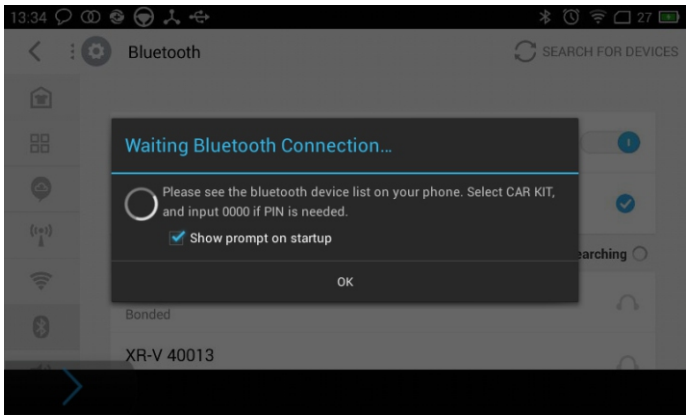


Click the button of [Double-screen interaction] on onboard screen to project the screen of mobile phone into the screen of car-mounted terminal screen, and achieve the bidirectional operation of both screens.
Following prompt will appear during the connection of phones of some models:



At this time, the user shall check the screen of mobile phone, tick “Always allow debugging from this computer”, and then click “OK”.

If the user fails to connect the Bluetooth correctly, this software will give prompt and assist the user to connect the phone with onboard system via the Bluetooth. The user can refer to the screen on the car-mounted terminal to search Bluetooth device on the phone and connect the device.


Bluetooth
SEARCH FOR DEVICES
Waiting Bluetooth Connection...
Please see the bluetooth device list on your phone. Select CAR KIT, and input 0000 if PIN is needed.
Show prompt on startup
OK
Bonded
XR-V 40013

The user can also click “Cancel” not to connect phone Bluetooth with the onboard system, and close this prompt in the option of settings.

3.2.Use iPhone on car-mounted terminal

After connected with the car-mounted terminal successfully, the iPhone screen will be projected to the screen of the car-mounted terminal during operation on iPhone.

※ Note:

The double-screen interaction function after connecting iPhone with the screen of car-mounted terminal screen is not available, which means the user can only operate on the phone screen, not the screen of the car-mounted terminal;

4.Experience of Double-screen Interaction

Note:
Double-screen interaction function is not supported when the car-mounted terminal is connected with iPhone.

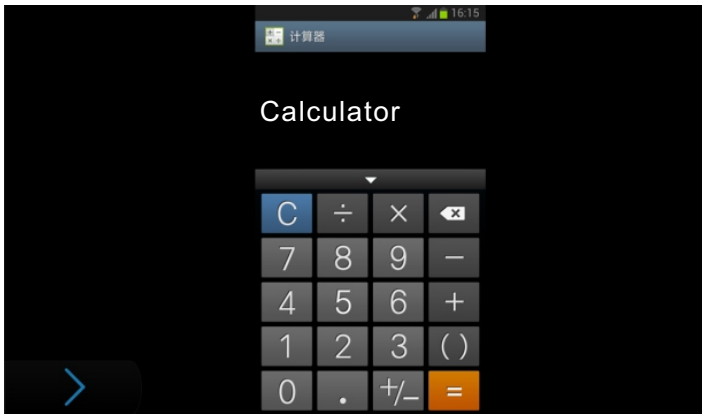
4.1.Pop-up function menu

The function menu will pop up by clicking the arrow button ( ) on left bottom of the screen, and the definition of function keys is as follows:

Interface icon	Name	Function
	Retract key	Retract the pop-up function menu
	Return key	Back to the previous level, same as the Return key on Android mobile phones
	Home key	Return to the home screen, same as the Home key on Android mobile phones
	Option key	Pop up the menu of available options of this software, same as the Option key on Android mobile phones
	Off key	Close this software and disconnect the double-screen interaction with the mobile phone

4.2.Intelligent adjustment of screen orientation

When the screen of phone switching from vertical to horizontal, the display screen of the car-mounted terminal will also adjust the orientation to keep consistency with the phone screen, as shown in following figure:



To ensure best service status, it is recommended to enable the function of Auto Screen Rotation.

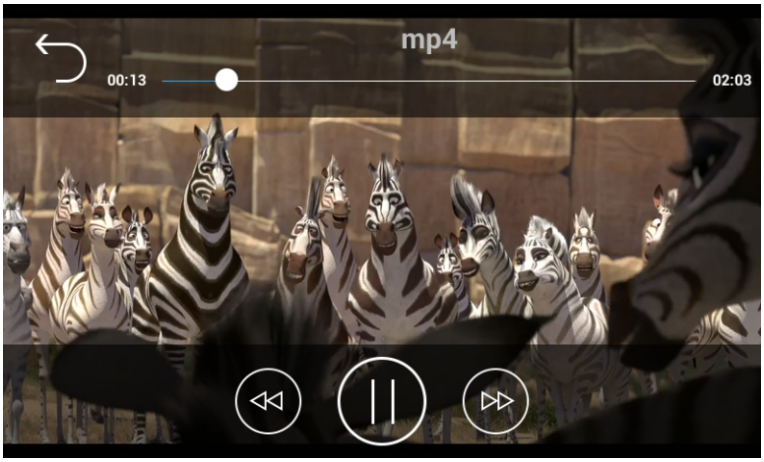
4.3.Exit double-screen interaction

Extend the function menu by clicking the arrow button ( ) on left bottom of the screen, and then click the Exit key ( ) to exit the function of double-screen interaction.

5.Play mobile video*

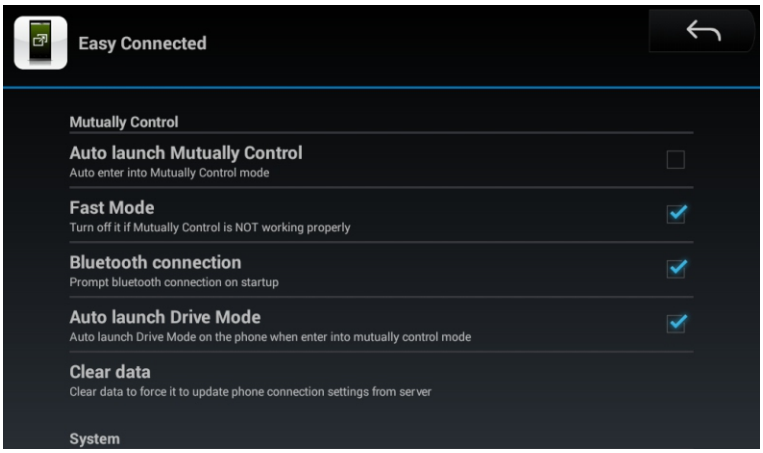
The user can click the function of “mobile video” on the main interface to enter the interface of mobile video function, which will enable the video stored in the mobile phone to be played on the car-mounted terminal directly.

The user can slide the screen left and right to check the video thumbnail and file name, and click the thumbnail to play the video.



6.Settings*

Click the “Setting” button on the main interface to enter the interface of function setting;


Easy Connected
Mutually Control
Auto launch Mutually Control
Auto enter into Mutually Control mode
Fast Mode
Turn off it if Mutually Control is NOT working properly
Bluetooth connection
Prompt bluetooth connection on startup
Auto launch Drive Mode
Auto launch Drive Mode on the phone when enter into mutually control mode
Clear data
Clear data to force it to update phone connection settings from server
System

● Enter into double-screen interaction automatically: entering into double-screen interaction state after starting this software.

● Whether enable Bluetooth connection during starting: during the start of this software, whether it will give prompt and guide the user to connect when detect that the car-mounted terminal is not connected with Phone Bluetooth correctly.

● Start Easydrive automatically: start the interface of Easydrive automatically after connecting Easy Connected.

● Clear data: when there is no response from operation of touch screen in double-screen interaction, please select this option to clear the data and re-connect the phone.

● About: the version, copyright and legal provisions about this software.

※ **Note:** Do not use this function during driving. This software is only for assistance in browsing the phone video in the car. As the supporting format of “Media Gallery” of phone and the “Video” of car-mounted terminal differs, not all video files copies into the phone can be identified and played. As the function of device differs, not the video files of all formats can be played on the car-mounted terminal smoothly.

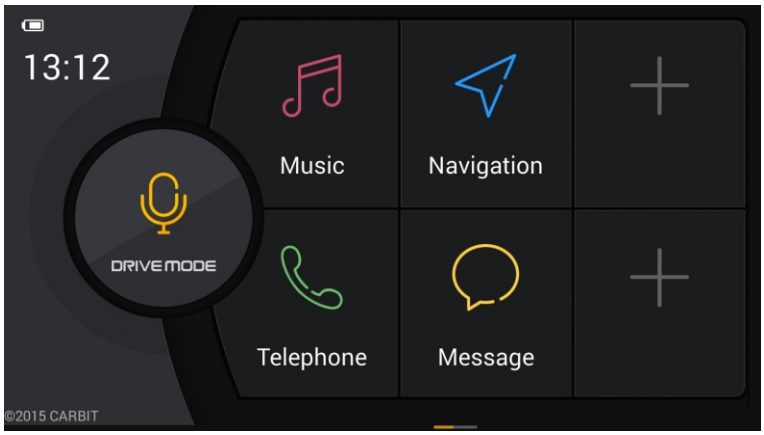
7.Easydrive*

7.1.About Easydrive

Easydrive is an APP automatically pushed by Easy Connected and installed on Android mobile phone, through which users can add and open APPs in the phone conveniently. Those APPs in the phone can be switched into onboard mode via the horizontal screen technology to obtain sound human-machine interaction experience.

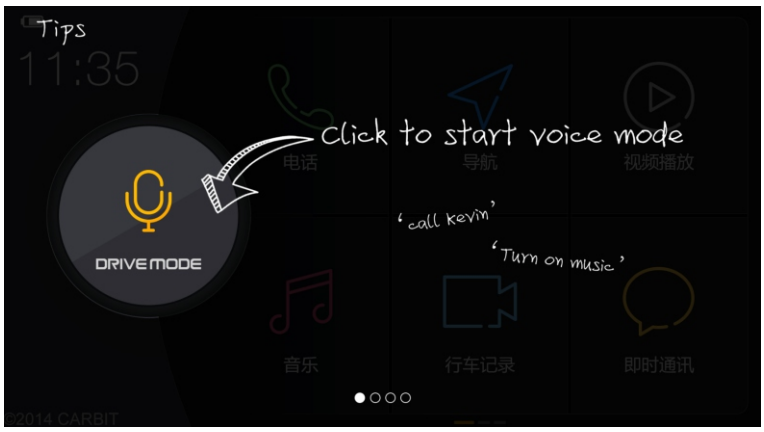
7.2.Open and use Easydrive

After entering into double-screen interaction by connecting the phone with the Central Multimedia, open Easydrive on the phone ( ), and open the main interface of Easydrive:

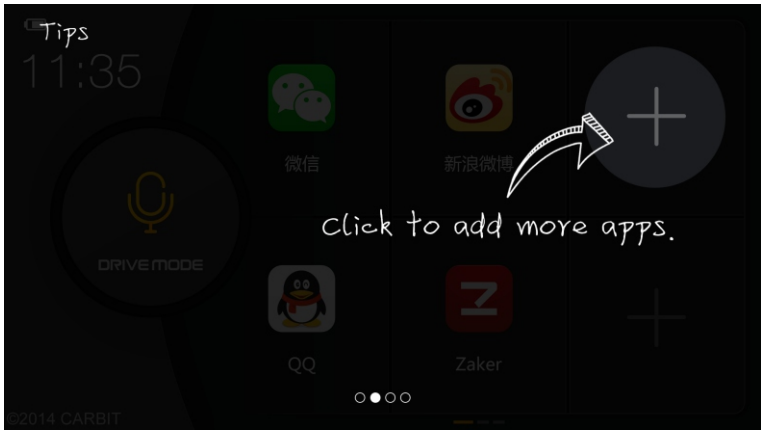


Voice service: click [DRIVE MODE] button to start Voice Assistant. Voice service need internet support. Commands supported by voice currently:

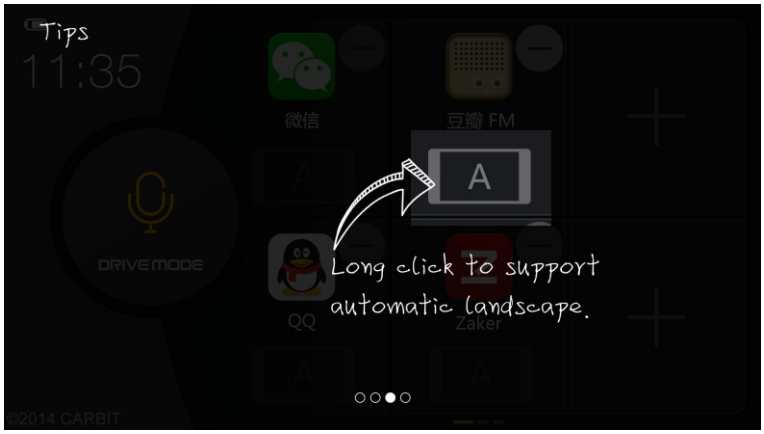
1.Open applications, standard voice commands: “Open XXX” or “Start XXX”, XXX indicating the name of application;
2.Make calls, standard voice commands: “Make a call to XXX” or “Call XXX”, XXX indicating the name in Contacts;



Application addition: click [+] button to add the application in the phone into the main interface of Easydrive, as shown in following figure:



Horizontal screen mode: touch and hold the icon of application and light on [A], and the application will operate in horizontal screen mode automatically, as shown in following figure:



※ Notes during use of Easydrive:

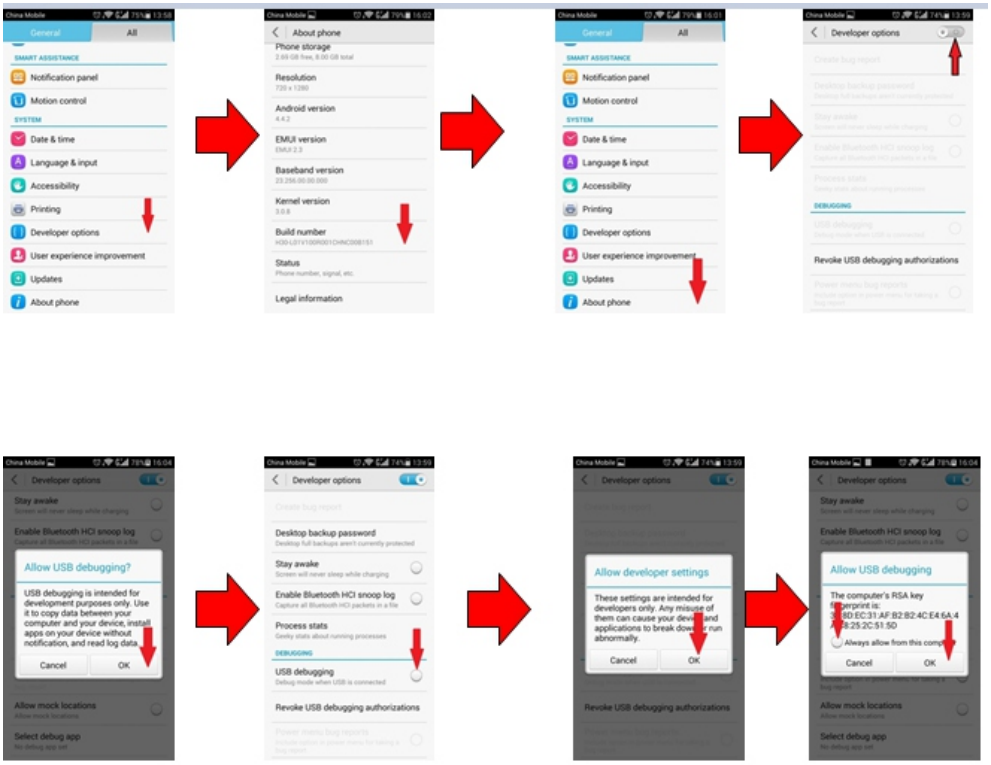
This application does not support iPhone currently.

This application can only be used when transportation safety is ensured to avoid any dangers. Otherwise, the user shall be responsible for any problems caused by the road accident or other accident due to above reasons, and Carbit will not bear any responsibility.

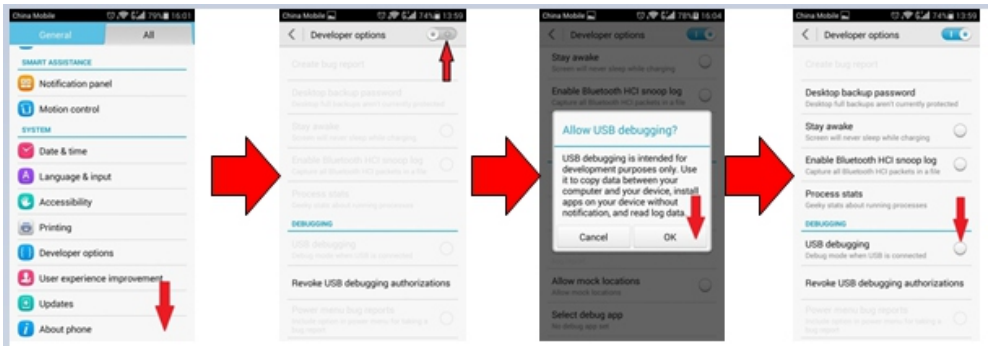
8.FAQ

8.1.How to open USB debugging switch on Android mobile

The method of opening USB debugging switch on the phone differs due to different versions of Android system. Please select proper connection wizard according to your phone system version, and operate on the phone in order.



↑Android 4.2-4.4 system



↑Android 4.0-4.1 system

8.2.Notes for use

● For phones of Android system, as "version split" is the inherent problem of Android system and the phone manufacturer of each brand will provide some personalize modification to Android system, it is not ensured that this product can be connected with all Android phones normally. See List of Easy Connected Verified Phones for details about the support phone models.

● As the systems of Android2.3.X and lower lack for relevant support, some functions will not be available when connecting this product with phones of such system, for example: the function of playing the video in the phone via double-screen interaction will not be used normally.

● As the performance of mobile phone data cable differs significantly, it is strongly recommended that use original USB cable for connection; otherwise, please use the USB cable with screening function for connection as possible to ensure stable connection.

● As the performance of the phone differs, the connection performance also varies when different phones are used for connection.

8.3.Lookup table of connection problems

Phone type	Problem phenomenon	Cause analysis	Solution
Android mobile	No connection process occurs after inserting into the phone and entering Easy Connected	Something wrong with the adaption of environment files	Perform environment detection, and see instruction of *Easy Connected Adaption and Installation*, or contact the manufacturer of relevant brand
	The icon of USB debugging does not appear on the phone screen	USB physical connection fails.	1. Check that whether the [USB debugging mode] is enabled on the phone 2. Check and replace USB cable 3. Check USB port on car-mounted terminal 4. Plug and unplug the phone again
	The icon of USB debugging appears on the phone screen, but the phone cannot be connected.	1. The phone is not compatible 2. Easy Connected service is blocked	Allow installation and starting of Easy Connected service in the software such as Phone Assistant.
iPhone	Airplay button does not appear on the phone	Wifi of the phone and car-mounted terminal is not connected	Check whether the Wifi of car-mounted terminal is connected with the phone hotspot
	Click mirroring button, and blank screen occurs to the car-mounted terminal	Wifi signal is not stable	Turn off and start again.

<table>
<tr><th>No</th><th>Reference code</th><th>Meaning</th><th colspan="2">Solutions</th></tr>
<tr><td>1</td><td>0x11</td><td>Easy Connected cannot find the phone</td><td rowspan="5">Click the reference code for 7 times, run environmental detection application, and exclude the problem of environment configuration. If there is no problem of environment configuration, following reasons maybe possible
1.USB device is not stable
2.or due to USB cable
3.The Central Multimedia does not have /data/.android/directory, or the permission of adb (adb-Easy Connected) is not root (see adaption instructions)</td><td rowspan="8">Check whether the USB debugging of phone is open; check whether the debugging icon appears on the notification bar; if not, it is often due to power supply from USB interface is not stable or the capacity of resisting disturbance of USB cable is poor. The user can try replacing USB cable (the USB cable of CE-Link is recommended), or strengthen power supply by adding a USB powered hub between the car-mounted terminal and the phone.</td></tr>
<tr><td>2</td><td>0x12</td><td rowspan="3">Plug and unplug the phone again and keep the phone screen not locked, and tick “Always allow” when the debugging dialog pops up</td></tr>
<tr><td>3</td><td>0x13</td></tr>
<tr><td>4</td><td>0x14</td></tr>
<tr><td>5</td><td>0x15</td><td>Easy Connected cannot find the phone</td></tr>
<tr><td>6</td><td>0x03</td><td>Easy Connected cannot obtain the version number of the phone</td><td>Phone initialization is not finished, or it is blocked by Phone Guardian</td></tr>
<tr><td>7</td><td>0x04 / 0x05 / 0x08 / 0x63 / 0x64 / 0x200 / 0x204</td><td>Failing to push the service to the phone</td><td>Phone memory is not enough, or it is blocked by Phone Guardian</td></tr>
<tr><td>8</td><td>0x20</td><td>Failing to push the service to the phone</td><td>Enter into the interface of phone settings, find “Verify apps via USB” on the interface of safety setting (or the interface of USB debugging setting), and eliminate the ticked state if this option is available and ticked.</td></tr>
</table>

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